

WHAT IS CLAIMED IS:

1. A communication controller which selects one out of a plurality of radio communication lines and performs communication using the selected line, said communication controller comprising:

a plurality of connection units, wherein one connection unit is connected to each one of said radio communication lines;

a radio-field-intensity acquisition unit which acquires a radio field intensity of each of said radio communication lines;

a selection unit which selects one of said connection units whose radio field intensity is equal to or higher than a threshold; and

a control unit which provides a control to perform data communication using said connection unit selected by the selection unit and said radio communication line corresponding to said selected connection unit.

2. The communication controller according to claim 1 further comprising a mounted-state monitoring unit which monitors the mounted state of said connection units,

wherein, based on the result of monitoring the mounted state of said connection units by said mounted-state monitoring unit, said control unit connects said selected connection unit to said radio communication line corresponding

to said selected connection unit only when said selected connection unit is mounted.

3. The communication controller according to claim 1,  
5 wherein if data communication is established using one connection unit and corresponding radio communication line and if there is an interruption in this data communication, then said control unit connects other connection unit and corresponding radio communication line and resumes the  
10 interrupted data communication.

4. The communication controller according to claim 1,  
wherein if data communication is established with one communication counterpart terminal and if there is an  
15 interruption in this data communication, then said control unit performs data communication with other communication counterpart terminal.

5. A computer-readable recording medium storing a control  
20 program to be applied to a communication controller, which communication controller selects one out of a plurality of radio communication lines and performs communication using the selected line, and communication controller is provided with a plurality of connection units connected to said radio  
25 communication lines one-to-one, to make a computer execute the

steps of:

acquiring radio field intensity of each of said radio communication lines;

selecting one of said connection units whose radio field  
5 intensity is equal to or higher than a threshold; and

establishing data communication using said selected connection unit and said radio communication line corresponding to said selected connection unit.

10 6. The computer-readable recording medium storing a control program according to claim 5 further comprising a step of monitoring a mounted state of said connection units,

wherein, based on the result of monitoring the mounted state of said connection units, a communication is established  
15 using said selected connection unit to said radio communication line corresponding to said selected connection unit only when said selected connection unit is mounted.

7. The computer-readable recording medium storing a  
20 control program according to claim 5, wherein data communication is continuously performed in the control step by using a radio communication line newly connected after the data is interrupted and then resumed.

8. The computer-readable recording medium storing a control program according to claim 5, wherein data communication is continuously performed with a communication counterpart terminal different from a communication counterpart terminal before the data is interrupted through  
5 a radio communication line newly connected after the data is interrupted and then resumed in the control step.